

Recombinant Full Length Human TRMT2B Protein, GST-tagged

Cat. No. TRMT2B-2336HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CXorf34 full-length ORF (NP_079193.2, 1 a.a. - 504 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	504 amino acids
Description	This gene encodes a homolog of the TRM2 gene in <i>S. cerevisiae</i> . The yeast gene encodes a tRNA methyltransferase that plays a role in tRNA maturation. The yeast protein also has endo-exonuclease activity and may be involved in DNA double strand break repair. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Nov 2009]
Molecular Mass	82.9 kDa
AA Sequence	MAGLKRRVPLHSLRYFISMVGLFSKPGLLPWYARNPPGWSQLFLGTVCKGDFTRVI ATKCQKGQKSQKKPSHLGPLDGSWQERLADVVTPLWRLSYEEQLKVKFAAQKKILQ RLESYIQMLNGVSVTTAVPKSERLSCLLHPIIPSPVINGYRNKSTFSVNRGPDGNPKT VGFYLG TW RDGNVVCVQSNHLKNIPEKHSQVAQYYEVFLRQSPLEPCLVFHEGGY WRELTVRTNSQGHTMAITFHPQKLSQEELHVQKEIVKEFFIRGPGAACGLTSLYFQE STMTRCSHQSPYQLLFGEPYIFEELLSLKIRISPDAFFQINTAGAEMLYRTVGELTG VNSDTILLDICCGTGVIGLSLAQHTSRVLGIELLEQAVEDARWTAAFNGITNSEFHTG QAEKILPGLLKS KEDGQSIVAVVNPARGLHYKVIQAIRNFRAIHTLVFVSKLHGEST

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RNVIELCCPPDPAKLLGEPFVLQQAVPVDLFPHTPHCELVLLFTR

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[TRMT2B TRM2 tRNA methyltransferase 2 homolog B \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol

[TRMT2B](#)

Synonyms

TRMT2B; TRM2 tRNA methyltransferase 2 homolog B (S. cerevisiae); chromosome X open reading frame 34 , CXorf34; tRNA (uracil(54)-C(5))-methyltransferase homolog; FLJ12687; TRM2 homolog; tRNA (uracil-5-)-methyltransferase homolog; CXorf34; dJ341D10.3;

Gene ID

[79979](#)

mRNA Refseq

[NM_001167970](#)

Protein Refseq

[NP_001161442](#)

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UniProt ID

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